ADWR Web Applications

Well Registry Web

https://gisweb.azwater.gov/waterresourcedata/WellRegistry.aspx

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GIS Developer

Well Registry vs. GWSI

ADWR has two water well databases.

Well Registry

- Permitting
- Owner supplied information

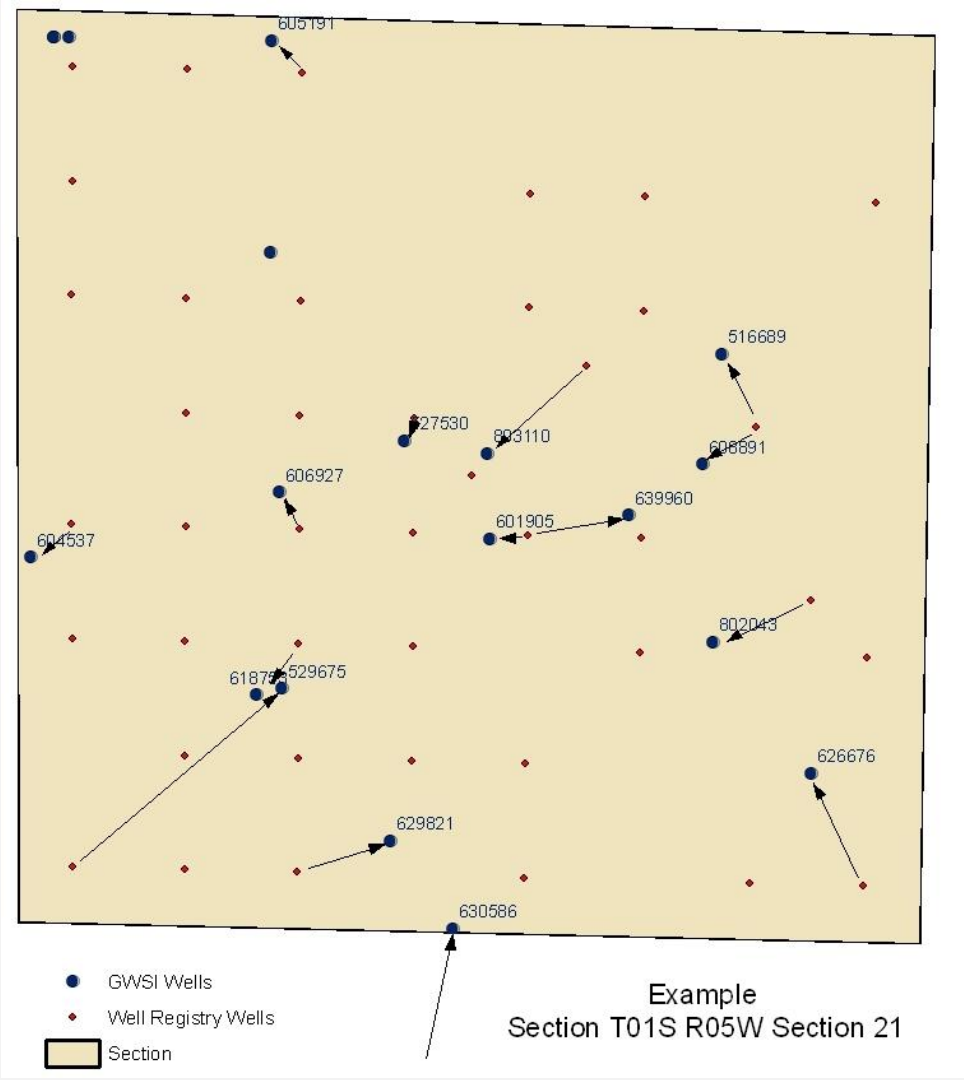
GWSI (Scientific use)

- Groundwater level data
- Information collected by ADWR Hydrology Division

ADWR Web Applications

Database	GWSI	Well Registry
Data Source	ADWR & USGS hydrologists	Well owners & drillers
Location	GPS	Legal description
Key Data Features	• Water levels • Location & elevation	•Owner information •Well status •Associated water rights •Historic pumping data
Application Features	•Hydrographs •2007 NAIP imagery	•Owner search •Interactive map tools

Well Registry vs. GWSI



Well Registry Web

No Parcel Search. Why?

- Parcel information incomplete in database
- Several Arizona counties do not store their parcel information electronically.
- No system in place to share parcel data with counties

Well Registry Web

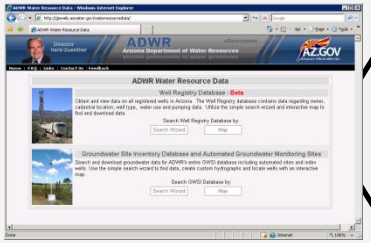
Main Features:

- Simple search tool
- Data download capabilities
- Interactive map
- Detailed well information
- Email sharing and feedback
- Real-time access to ADWR database

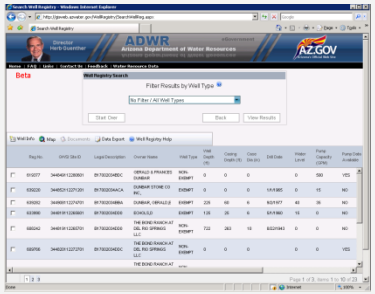
Well Registry Web

User 1

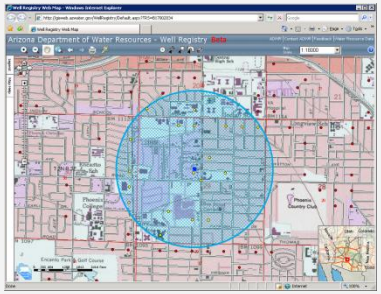
Entry Page



Search Wizard

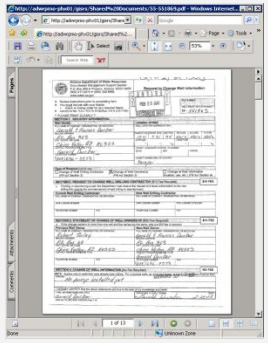


Interactive Map

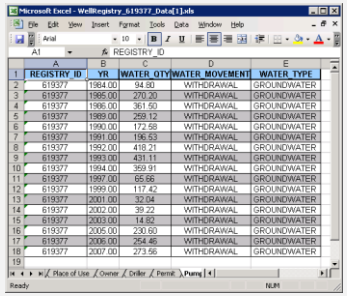


Well Details

Imaged Documents

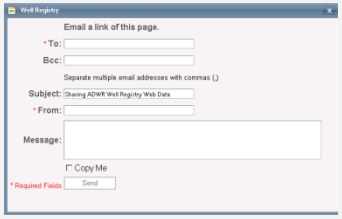


Data Download



REGISTRY_ID	YR	WATER_QTY	WATER_MOVEMENT	WATER_TYPE
619377	1984.00	94.80	WITHDRAWAL	GROUNDWATER
619377	1985.00	270.20	WITHDRAWAL	GROUNDWATER
619377	1986.00	361.60	WITHDRAWAL	GROUNDWATER
619377	1989.00	269.12	WITHDRAWAL	GROUNDWATER
619377	1990.00	172.58	WITHDRAWAL	GROUNDWATER
619377	1991.00	196.53	WITHDRAWAL	GROUNDWATER
619377	1992.00	418.21	WITHDRAWAL	GROUNDWATER
619377	1993.00	431.11	WITHDRAWAL	GROUNDWATER
619377	1994.00	359.91	WITHDRAWAL	GROUNDWATER
619377	1997.00	65.86	WITHDRAWAL	GROUNDWATER
619377	1999.00	117.42	WITHDRAWAL	GROUNDWATER
619377	2001.00	32.04	WITHDRAWAL	GROUNDWATER
619377	2002.00	39.22	WITHDRAWAL	GROUNDWATER
619377	2003.00	14.82	WITHDRAWAL	GROUNDWATER
619377	2005.00	230.60	WITHDRAWAL	GROUNDWATER
619377	2006.00	264.46	WITHDRAWAL	GROUNDWATER
619377	2007.00	273.56	WITHDRAWAL	GROUNDWATER

Email



User 2

ADWR Web Applications

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Thanks!

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Karen Henriksen, GIS Programmer

Matthew Beversdorf, GIS Programmer